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STAT	EMENT BY AF	PL	ICANT	First Named Inventor	Mark S. Knighton		
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	(use as many sheets as necessary)			Examiner Name	Vincent P. Barth		
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			U.S. PATE	ENT DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number - Kind Code <sup>2</sup> (if known)	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
NI		US-3,636,250	01-18-1972	Andrew V. Haeff	
N.5,		US-4,089,608	05-16-1978	H. W. Hoadley	
(1.1)		US-4,564,295	01-14-1986	Maurice Halioua	
11.50		US-4,590,608	05-20-1986	Pi-Fuay chen, et al.	
N.A.		US-4,641,972	02-10-1987	Maurice Halioua, et al.	
24		US-4,657,394	04-14-1987	Maurice Halioua	
MA		US-4,705,401	11-10-1987	D. A. Addleman, et al.	
VA.		US-4,724,525	02-09-1988	Brian G. Purcell, et al.	
NN		US-4,737,032	04-12-1988	D. A. Addleman, et al.	
15		US-4,802,759	02-07-1989	Goro Matsumoto, et al.	
NI		US-4,846,577	07-11-1989	John R. Grindon	
23		US-5,056,914	10-15-1991	Jerome C. Kollodge	
46		US-5,067,817	11-26-1991	Paul Glenn	
W.		US-5,131,844	07-21-1992	P. J. Marinaccio, et al.	
NS		US-5,132,839	07-21-1992	Adrian R. L. Travis	
NA		US-5,135,309	08-04-1992	Michael Kuchel, et al.	
13		US-5,175,601	12-29-1992	John M. Fitts, et al.	
141		US-5,216,817	06-08-1993	K. W. Misevich, et al.	
47.		US-5,218,427	06-08-1993	Stephen K. Koch	
ND		US-5,231,470	07-27-1993	Stephen K. Koch	

	FOREIGN PATENT DOCUMENTS									
Examiner	Cite	Foreign Patent Document			Pages, Columns, Lines,	78				
Initiats* No.1		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear					
~1		WO 99/58930	11-18-1999	Veronika, et al.						
1.1		DE 4313860	11-03-1994	Lampalzer						
1.1		DE 4134546	08-04-1993							
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Sheet	2	of	4	Attorney Docket Number	4956P002D			

		NON PATENT LITERATURE DOCUMENTS	
	Cite	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	<b>T</b> 2
4		BRIAN CARRIHILL and ROBERT HUMMEL, Experiments with the Intensity Ratio Depth Sensor, Computer Vision, Graphics and Image Processing 32, 1985, pgs. 337-358, New York, New York	
h,		www.pointcloud.com/pages/Home.html, "Point Cloud," 5 pages	
1.		deskeng.com/3dd.htm, "Desktop Engineering, The Complete Computing Resource for	
/\		Engineers," 1977 Helmers Publishing, Inc., 1 page  www.geometrixinc.com/mainwin.html, "Who says you can't build Rome in a day?", 4	+
5.		pages  www.inharmonytech.com/venus3d.index.html, "Introducing Venus 3D," 4 pages	+
M.		www.inharmonytech.com/venus3d.mdcx.mdmi, 7mm-c	+
			-
			-

Examiner	Date Considered	2	Mar 2004
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<sup>1</sup>Applicant's unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

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Sheet	3	of	4	Attorney Docket Number	4956P002D		

			U.S. PATE	ENT DOCUMENTS	
Examiner Initials*	Cite No.'	Document Number  Number - Kind Code <sup>2</sup> (if known)	Publication Date MW-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
10.15.		US-5,237,404	08-17-1993	Tanaka, et al.	
VII.		US-5,285,397	02-08-1994	Helmut Heier, et al.	
V.13.		US-5,289,264	02-22-1994	Hans Steinbichler	
v.B.		US-5,307,292	04-26-1994	C. A. Brown, et al.	
AB		US-5,315,512	05-24-1994	James A. Roth	
UR		US-5,335,317	08-02-1994	J. Yamashita, et al.	
NB		US-5,337,149	08-09-1994	Ghazzan F. Kozah, et al.	
NA		US-5,377,011	12-27-1994	Stephen K. Koch	
U.S.		US-5,414,647	05-09-1995	S. E. Ebenstein, et al.	
11		US-5,432,622	07-11-1995	G. E. Johnston, et al.	
NB		US-5,471,303	11-28-1995	Chiayu Ai, et al.	
N3		US-5,531,520	07-02-1996	W. E. L. Grimson, et al.	
NB		US-5,592,563	01-07-1997	Dov Zahavi	
W.7		US-5,611,147	03-18-1997	Simon Raab	
101		US-5,617,645	04-08-1997	W. R. W. Wick, et al.	
NI		US-5,621,529	04-15-1997	Gordon, et al.	
NB		US-5,627,771	05-06-1997	Toshikazu Makino	
NB		US-5,636,025	06-03-1997	L. H. Bieman, et al.	
w.K		US-5,646,733	07-08-1997	Leonard H. Bieman	
13		US-5,661,667	08-26-1997	Kurt D. Rueb, et al.	

		FOR	REIGN PATEN	T DOCUMENTS	······································	
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				U	S. PATE	VT DO	CUMENTS					
Exeminer Initials*	Cite No.1	Document Number  Number - Kind Code <sup>2</sup> (if		Public MM-	cation Date		Name of Patentee or a of Cited Docum	Applicant ent		Pages, Columns, Lines, W Relavant Passages or Rele Figures Appear	here vant	
10-19		US-5,678,546		10-2	1-1997	Mich	ael Truppe					
NI.		US-5,689,446		11-1			Sundman, et al	•		· · · · · · · · · · · · · · · · · · ·		
N.1		US-5,704,897		01-0	6-1998	Mich	ael J. Truppe			······································		
NR		US-5,747,822		05-0			ael J. Sinclair, e	t al.				
1.1		US-5,771,310		<del></del>	<del></del>		am M. Vannah			<del> </del>		
NR		US-5,794,356	<del></del>	<u> </u>	~~~		n Raab					
11/2		US-5,805,289	<del></del>	<b></b>			. Corby, Jr., et a	J.		<del></del>		
(1)		US-5,864,640		<del> </del>	<del></del>		Miramonti, et a			<del> </del>	<del></del>	
NR		US-5,870,220		-	<del></del>		ligdal, et al.	<u> </u>				
WR		US-5,880,846		<b></b> -			Hasman, et al.	-		<del></del>		
7V /5		US-5,907,359		1			u Watanabe			<del> </del>		
NIS		US-5,910,845		l			nas M. Brown	<del></del>		<del></del>		
NB		US-5,944,598		<del> </del> -			K. W. Tong, et	al				
NS		US-5,988,862	<del></del>	<del> </del> -			Kacyra, et al.	<del></del>		<del></del>		
N.A		US-5,995,650		<del></del>			. Migdal, et al.			<del></del>		
NA		US-5,999,641		<del></del>	<del></del>		. Miller, et al.					
NB		US-6,040,910		<b></b>			et al.			<del></del>		
NA		US-6.057,909			<del></del>		v, et al.			<del></del>		
1/1		US-6,091,905			<del></del>		v, et al.			<del></del>		
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				FOI	REIGN PA	ATEN	T DOCUMENTS					
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